

PRODUCT DATASHEET

LN UO 1500 46 W 4000 K

LINEAR ULTRA OUTPUT | Surface luminaire with high luminous flux



AREAS OF APPLICATION

- Direct replacement for luminaires with fluorescent lamps
- Indoor applications
- Industrial and commercial halls
- Public areas
- Corridors, stairwells, basements
- Garages

PRODUCT BENEFITS

- Replacement of conventional T8 luminaires with up to 7100 lm
- Energy savings up to 60 % (compared to luminaires that use fluorescent lamps)
- Robust structure with IK08
- Optional reflector accessory and multiple wiring possibilities for flexible applications
- 5 years guarantee

PRODUCT FEATURES

- Very high luminous efficacy: up to 125 lm/W
- Robust metal housing and PC diffuser
- Wiring at back side of luminaire
- Through wiring possible



TECHNICAL DATA

Electrical data

Nominal wattage	46.00 W
Operating mode	Integrated LED driver
Nominal voltage	220...240 V
Power factor λ	> 0.90
Mains frequency	50/60 Hz
Max. no. of lum. on circuit break. B16 A	19
Max. no. of lum. on circuit break. C10 A	15
Max. no. of lum. on circuit break. C16 A	24
Inrush current	50.0 A
Total harmonic distortion	$\leq 15 \%$
Inrush current time T_{h50}	100 μ s

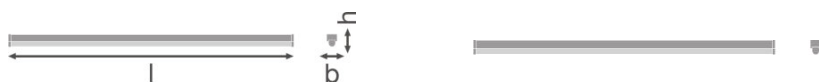
Photometrical data

Color temperature	4000 K
Luminous flux	5500 lm
Luminous efficacy	120 lm/W
Standard deviation of color matching	≤ 5 sdcn
Light color (designation)	Cool White
Color rendering index Ra	≥ 80

Light technical data

Beam angle	110 °
------------	-------

Dimensions & weight



Length	1458 mm
Width	62.0 mm
Height	74.0 mm

Product weight	1850.00 g
-----------------------	-----------

Colors & materials

Body material	Steel
Product color	White
Housing color	White
Cover material	Polycarbonate (PC)
Light emitting surface material	Polycarbonate

Temperatures & operating conditions

Ambient temperature range	-10...+40 °C
----------------------------------	--------------

Lifespan

Number of switching cycles	100000
Lifespan L70/B50 at 25 °C	50000 h
Lifespan L80/B10 at 25 °C	40000 h
Lifespan L90/B10 at 25 °C	30000 h

Additional product data

Mounting type	Surface
Mounting location	Ceiling / Wall

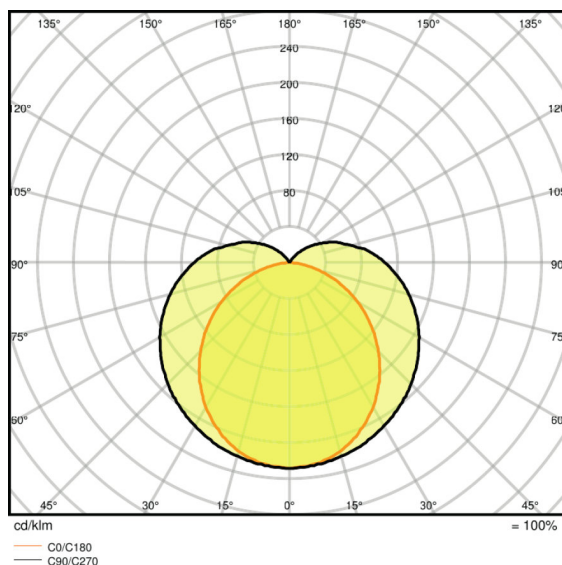
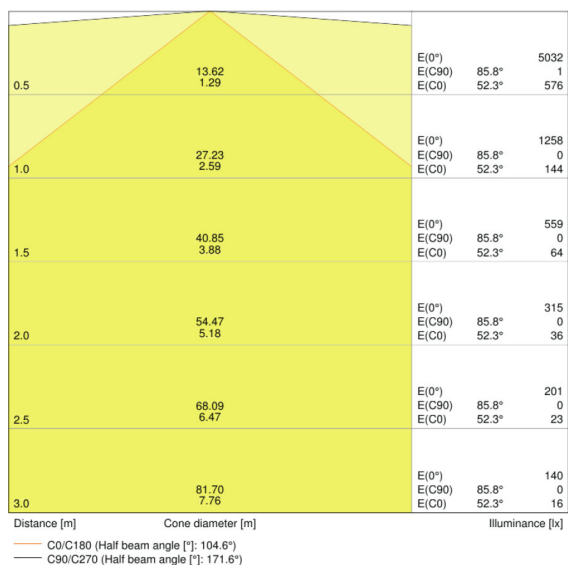
Capabilities

Dimmable	No
Type of connection	Screwless terminal
LED module replaceable	Not replaceable
Ball shot safe	No

Certificates & standards

Protection class IK (shock resistance)	IK08
Glow Wire Test according to IEC 60695-2-12	650 °C
Photobiological safety group EN62778	RG 0
Protection class	I
Type of protection	IP20
Standards	CE/CB/ENEC/TÜV SÜD/EAC/RoHS

Light Distribution



LDC typ cone

LDC typ polar

EQUIPMENT / ACCESSORIES

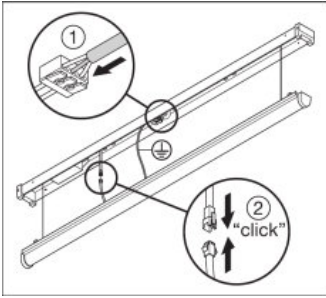
- Reflector for high ceilings or asymmetric light emission available separately (1500 mm version)
- Mounting screws and dowels included

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075122246	Folding carton box 1	69 mm x 1464 mm x 77 mm	1950.00 g	7.78 dm ³
4058075122253	Shipping carton box 6	1474 mm x 225 mm x 170 mm	13360.00 g	56.38 dm ³

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

ADDITIONAL CATALOG INFORMATION



REFERENCES / LINKS

For Guarantee see

▶ www.ledvance.com/guarantee

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.